

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A shift control method for selecting a target shift gear of a forward driving range when a shift lever changes from a reverse range to the forward driving range, comprising:

- detecting a shift lever position;
- detecting an engine revolution;
- detecting a throttle valve opening;
- detecting a vehicle speed;

detecting a turbine shaft revolution speed of a torque converter; and selecting the target gear of the forward driving range based on at least one of the vehicle speed and the turbine shaft revolution speed, if the shift lever position is changed from the reverse range to the forward driving range, an engine revolution state is an idling state, and the detected throttle valve opening is not more than a first predetermined value, wherein a first gear is selected as the target gear if the vehicle speed is not more than a second predetermined value, and wherein the first gear is selected as the target gear if the vehicle speed is more than the second predetermined value and the turbine speed is not more than a third predetermined value.

2. (Canceled)

3. (Previously Presented) The method of claim 1, further comprising;
performing a shift control operation for shifting a speed range from a neutral range to the forward driving range, if the shift lever is changed from the reverse driving range to the forward driving range and an engine revolution state is not an idling state, and if the detected throttle valve opening is more than the first predetermined value.

4. (Previously Presented) The shift control method of claim 1, wherein in said selecting the target gear, a second gear is selected as the target gear if the vehicle speed is more than the second predetermined value and the turbine speed is more than the third predetermined value.

5. (Currently Amended) A shift control method for shifting into a forward driving range while driving in a reverse driving range of an automatic transmission vehicle, comprising:

detecting a shift lever position of the vehicle;

detecting an engine revolution speed of the vehicle;

detecting a throttle valve opening of the vehicle;

detecting a vehicle speed; ~~and~~

performing a shift control operation for shifting into a first gear if the shift lever is changed from a reverse driving range to a forward driving range and the

engine revolution state is an idling state, and if the detected throttle valve opening and vehicle speed, respectively, are not more than predetermined values;

detecting a turbine shaft revolution speed of a torque converter; and
performing a shift control operation for shifting into the first gear if the
detected vehicle speed is more than the predetermined value, and if the detected
turbine speed is not more than a predetermined value.

6. (Canceled)

7. (Previously Presented) The method of claim 5, further comprising:

performing a shift control operation for shifting a speed range from a neutral range to the forward driving range, if the shift lever is changed from the reverse driving range to the forward driving range and an engine revolution state is not an idling state, and if the detected throttle valve opening is more than the predetermined value.

8. (Currently Amended) The method of claim 6 5, further comprising:

performing a shift control operation for shifting into a second gear if the detected turbine speed is more than the predetermined value.